

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2010 Levee Inspection Results**

**Reclamation District No. 0404 Boggs**

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	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*

SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2010 Levee Inspection Results**

**Reclamation District No. 0404 Boggs**

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	2.36
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/22/2010 - 4/22/2010			
DWR Inspector	Richard Willoughby			
Accompanied By	Tom Rosten RD 404			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 0404 Boggs**

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Right	2.36	04/22/2010 04/22/2010	Richard Willoughby

  

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.21	0.25	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: No major change observed; this site was combined with other existing sites at RMs 40.93, 40.98, and 41.14 as one site; several pocket erosion just above non-uniform toe rip rap; previously rated "U"; bare spots along the upper slope [2009 SiteID:RD0404U1RM40.86]	37.939480 ° -121.342730 °	37.939480 ° -121.342730 °	1 Y
2	0.24	0.27	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	37.939430 ° -121.342620 °	37.939430 ° -121.342620 °	6 Y
3	0.75	0.75	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.937758 ° -121.334149 °	37.937758 ° -121.334149 °	7
4	0.96	0.96	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	37.935990 ° -121.331600 °	37.935990 ° -121.331600 °	2
5	1.57	1.67	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.928723 ° -121.327207 °	37.927945 ° -121.325933 °	9
6	1.62	1.67	Earthen Levee	Slope Stability	LS	C	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	37.928272 ° -121.326675 °	37.927945 ° -121.325936 °	10

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
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PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected  
C : Corrected  
W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/22/2010 04/22/2010	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.21
End Levee Mile	0.25
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: No major change observed; this site was combined with other existing sites at RMs 40.93, 40.98, and 41.14 as one site; several pocket erosion just above non-uniform toe rip rap; previously rated "U"; bare spots along the upper slope [2009 SiteID:RD0404U1RM40.86]

SJR2009\_S0.5 Im0.23 102108b.jpg



Levee Mile Report Line	1
Start Levee Mile	0.21
End Levee Mile	0.25
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: No major change observed; this site was combined with other existing sites at RMs 40.93, 40.98, and 41.14 as one site; several pocket erosion just above non-uniform toe rip rap; previously rated "U"; bare spots along the upper slope [2009 SiteID:RD0404U1RM40.86]

SJR2009\_S0.5 LM0.23 102108c.jpg



Levee Mile Report Line	1
Start Levee Mile	0.21
End Levee Mile	0.25
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: No major change observed; this site was combined with other existing sites at RMs 40.93, 40.98, and 41.14 as one site; several pocket erosion just above non-uniform toe rip rap; previously rated "U"; bare spots along the upper slope [2009 SiteID:RD0404U1RM40.86]

SJR2009\_S0.5 LM0.23 102108d.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.36	04/22/2010 04/22/2010	Richard Willoughby

Levee Mile Report Line	1
Start Levee Mile	0.21
End Levee Mile	0.25
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

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SJR2009\_S0.5 LM0.23 102108e.jpg



Levee Mile Report Line	2
Start Levee Mile	0.24
End Levee Mile	0.27
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion from LM 0.24 to 0.27

richard\_s\_20100505\_035.jpg



Levee Mile Report Line	2
Start Levee Mile	0.24
End Levee Mile	0.27
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

Erosion at LM 0.27

richard\_s\_20100505\_036.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2010 Levee Inspection Results**

**Reclamation District No. 0404 Boggs**

Waterway			Bank	Unit Miles
Unit No. 02 French Camp Slough			Right	1.76
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/22/2010 - 4/22/2010			
DWR Inspector	Richard Willoughby			
Accompanied By	Tom Rosten RD 404			

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Signature of LMA Representative

Date



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Levee Inspections**

**Levee Inspection Report By Mile - Spring 2010**

**Reclamation District No. 0404 Boggs**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough						Right	1.76	04/22/2010 04/22/2010	Richard Willoughby

  

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.19	0.35	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.919543 ° -121.311432 °	37.918935 ° -121.313335 °	3
2	0.48	0.48	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.919525 ° -121.311193 °	37.919525 ° -121.311193 °	8
3	1.13	1.13	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	37.916347 ° -121.301887 °	37.916347 ° -121.301887 °	11
4	1.32	1.58	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: Erosion appears to be maintenance-related, and not cause by riverflow; recommend annual assessment and monitoring of erosion site, per Critical Erosion Sites Evaluation 2008 Report; previously rated "U" [2009 SiteID:RD0404U2RM1.56]	37.918440 ° -121.297040 °	37.918440 ° -121.297040 °	1 Y
5	1.47	1.52	Earthen Levee	Encroachments	LS	PO	Fences	37.918440 ° -121.296707 °	37.918517 ° -121.295763 °	6 Y

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**Reclamation District No. 0404 Boggs**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 French Camp Slough	Right	1.76	04/22/2010 04/22/2010	Richard Willoughby

Levee Mile Report Line	4
Start Levee Mile	1.32
End Levee Mile	1.58
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: Erosion appears to be maintenance-related, and not cause by riverflow; recommend annual assessment and monitoring of erosion site, per Critical Erosion Sites Evaluation 2008 Report; previously rated "U" [2009 SiteID:RD0404U2RM1.56]

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Levee Mile Report Line	4
Start Levee Mile	1.32
End Levee Mile	1.58
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

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SJR2009\_RM1.56b.JPG



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End Levee Mile	1.58
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

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SJR2009\_RM1.56c.JPG



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SJR2009\_RM1.56d.JPG



Levee Mile Report Line	5
Start Levee Mile	1.47
End Levee Mile	1.52
Location	Land Side
Category	Earthen Levee
Item	Encroachments

Fence at landside shoulder from LM 1.47 to 1.52

richard\_s\_20100505\_037.jpg



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